

Anti-PGC1 beta Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,GuineaPig)
Molecular Weight:	Theoretical: 113 kDa.
Purification:	Protein A purified

Applications

Application:	WB,IHC-P,IHC-Fr,IF,ELISA
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PGC1 beta
Antigen Species:	Human
Gene ID:	133522
Uniprot ID:	Q86YN6
Synonyms:	peroxisome proliferator-activated receptor gamma, coactivator 1 beta;PGC-1-related estrogen receptor alpha coactivator;PGC1 β ;PPARGC1;PGC-1-beta;PPAR-gamma coactivator 1-beta; peroxisome proliferative activated receptor, gamma, coactivator 1;Ppargc1b;PGC-1(beta); PERC;PPAR gamma coactivator-1beta;PGC1 β ;PGC1;PPARGC-1-beta;peroxisome proliferator-activated receptor gamma coactivator 1 beta;PRGC2
Biology Area:	Diabetes associated,Metabolism,Co-activators/co-repressors,Estrogen,Energy Metabolism, Fatty acids,Mitochondrial markers,Fatty acid oxidation,Diabetes,Heart disease,Energy Metabolism,Mitochondrial

Research Background

Plays a role of stimulator of transcription factors and nuclear receptors activities. Activates transcriptional activity of estrogen receptor alpha, nuclear respiratory factor 1 (NRF1) and glucocorticoid receptor in the presence of glucocorticoids. May play a role in constitutive non-adrenergic-mediated mitochondrial biogenesis as suggested by increased basal oxygen consumption and mitochondrial number when overexpressed. May be involved in fat oxidation and non-oxidative glucose metabolism and in the regulation of energy expenditure.

Tissue specificity:

Ubiquitous with higher expression in heart, brain and skeletal muscle.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481